

ISX Modular Power Distribution Unit

1. SYSTEM MAINS SUPPLY RATING

Mains voltage :	3/N/PE-400V/230V, 47-63Hz
Control Voltage :	24V at 50Hz
Short-circuit current Icc :	10 kA
Feed :	Single

2. SYSTEM EARTHING

The system earthing is TN-S with L1,L2,L3,N,PE at both inlets and outlets

3. STANDARDS

The ISX PDU is built according to : IEC/EN60950

4. ENVIRONMENTS

The assembly is made for an ambient temperature of :  Max: +40°C

5. ENCLOSURE

The enclosure of the assembly is :	IP20 and Form 1
The assembly material is :	Steel with Surface coating

6. POSITIONING

The assembly is made for indoor installation on floor

7. DIMENSIONS AND WEIGHTS

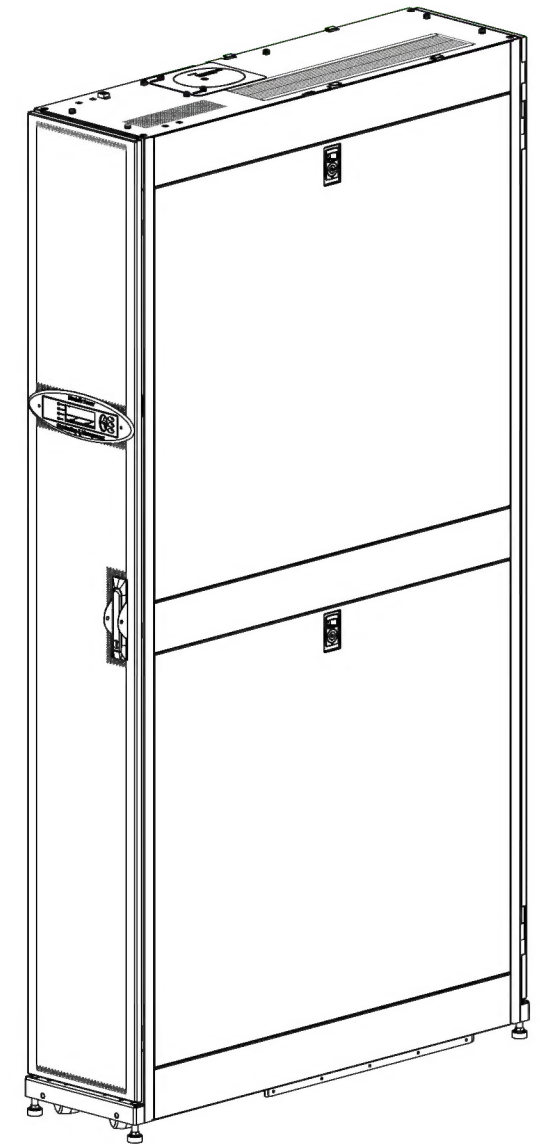
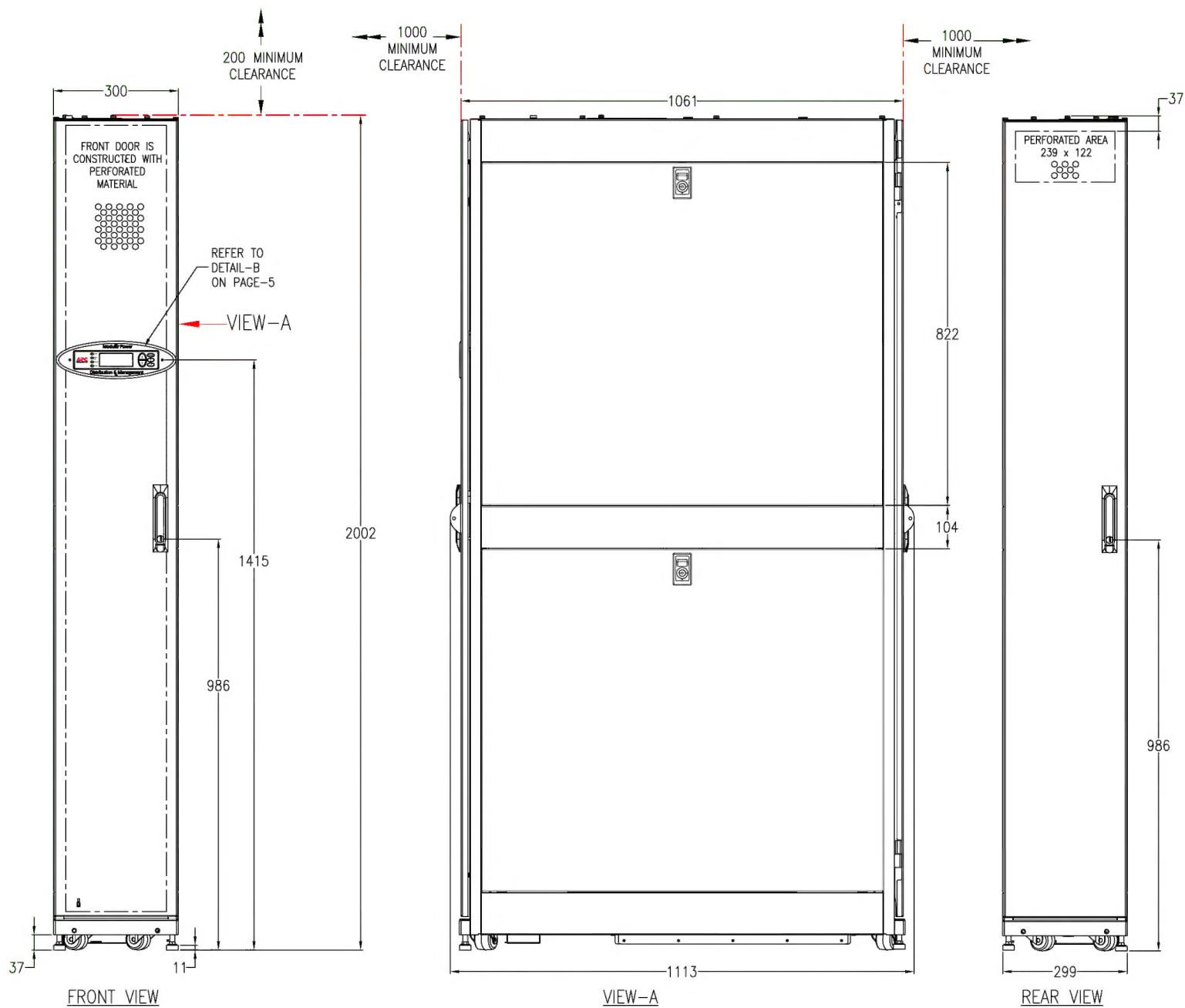
Height :	2002 mm
Width :	300 mm
Depth :	1072 mm
Weight :	160 kg

8. CABLE ENTRIES

Inlets:	Outlets:
 Top  Bottom <input type="checkbox"/> Sides	 Top  Bottom <input type="checkbox"/> Sides

9. CONNECTIONS

Power Circuits :	Control Circuits :
Input Output	
  Component terminals	 Terminals
<input type="checkbox"/> <input type="checkbox"/> Busbar	



DIMETRIC VIEW

NOTES:

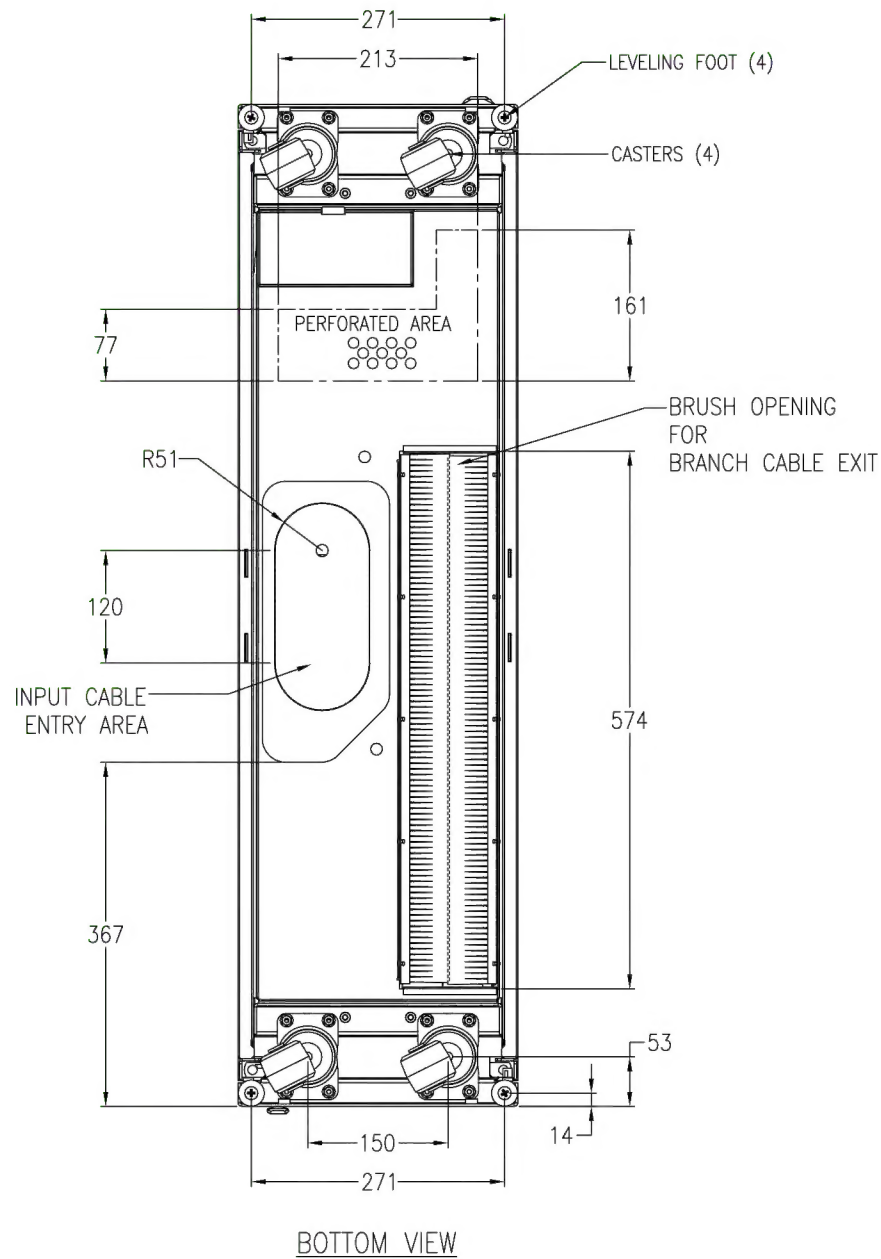
1. INSTALLATION MUST COMPLY WITH NATIONAL AND LOCAL ELECTRICAL REGULATIONS.
2. PLEASE REFER TO APC PRODUCT MANUALS FOR DETAILS.
3. ALL DIMENSIONS ARE IN MILLIMETERS.
4. CABLE ENTRY IS FROM TOP OR BOTTOM OF UNIT.
5. FRONT, AND REAR ACCESS ARE REQUIRED FOR SERVICE.
6. WEIGHT OF THE UNIT IS 160 kg WITHOUT POWER DISTRIBUTION MODULES.

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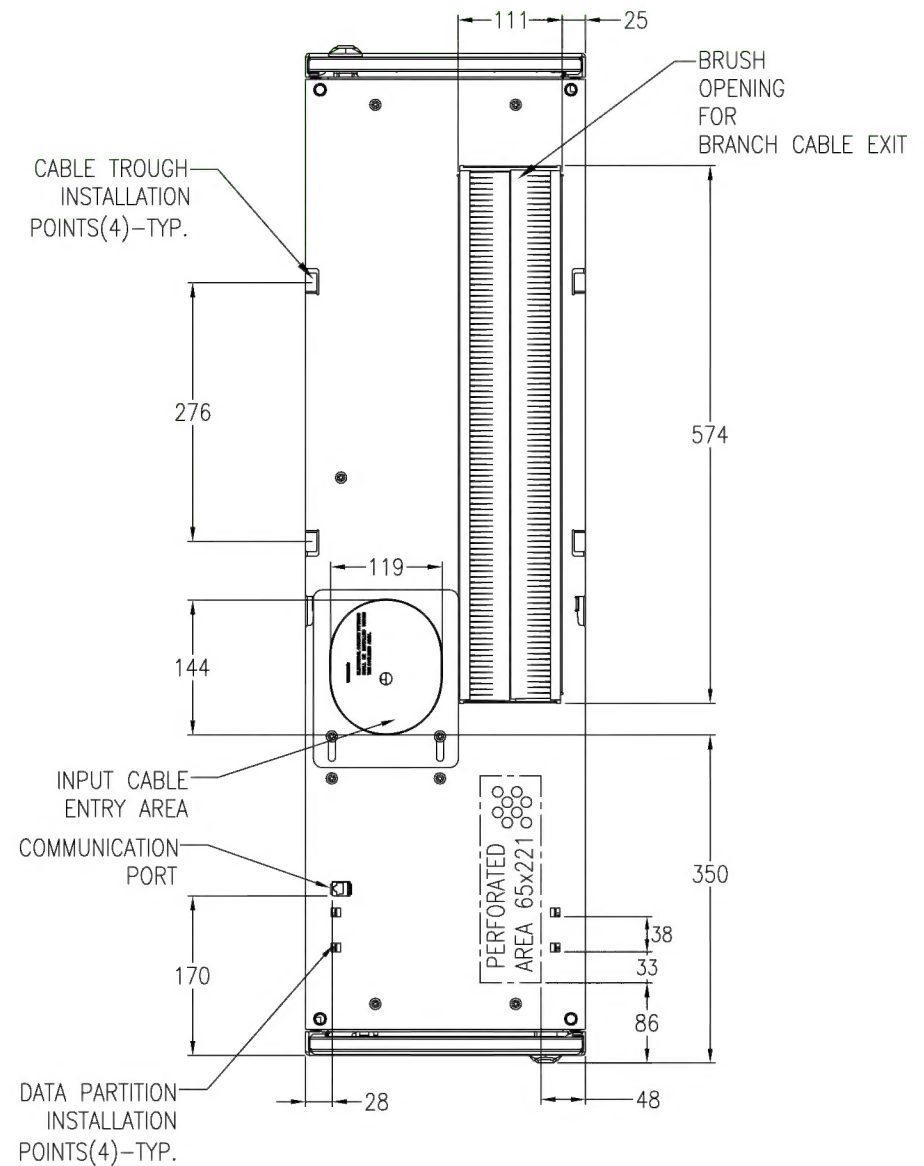
Schneider Electric

TITLE:
ISX MODULAR DISTRIBUTION UNIT
Input: 400A, 3PH-400V
Output: 277kW, 400A, 400/230V 72 POLE
MAIN MECHANICAL
PROJECT: SUBMITTAL DRAWINGS SHEET 2 OF 7

DWG NO: PDPM277H-MM1 REV. 1
DRAWN: BALAMURUGAN 13-AUG-08
ENGINEER: S.LEE 29-AUG-08
APPROVED: C.LARSEN/S.WAGH 29-AUG-08
FIRST ANGLE PROJECTION



BOTTOM VIEW



TOP VIEW

NOTES:

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4. CABLE ENTRY IS FROM TOP OR BOTTOM OF UNIT.

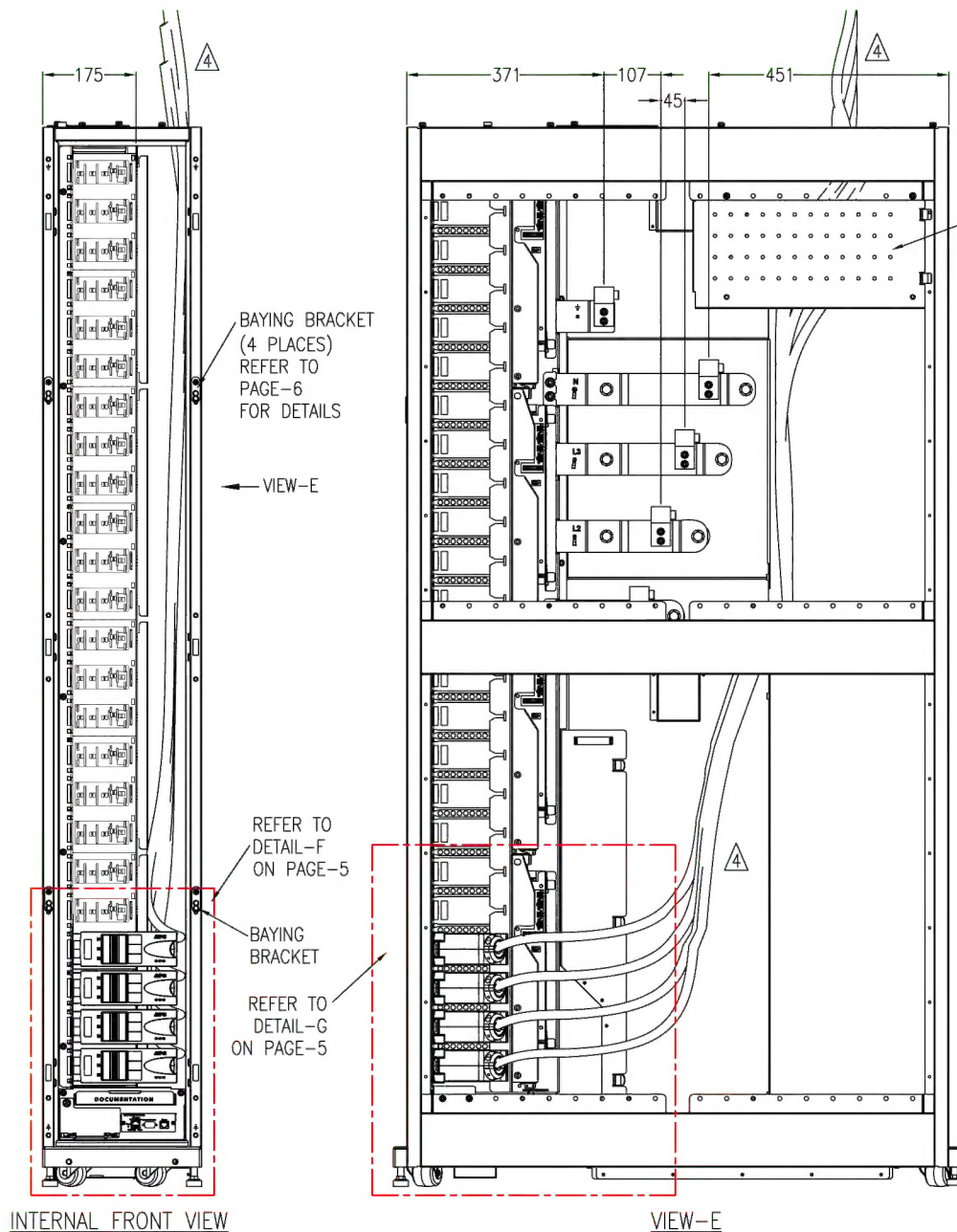
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Schneider Electric

TITLE: ISX MODULAR DISTRIBUTION UNIT
Input: 400A, 3PH-400V
Output: 277kW, 400A, 400/230V 72 POLE
TOP AND BOTTOM VIEWS
PROJECT: SUBMITTAL DRAWINGS SHEET 3 OF 7

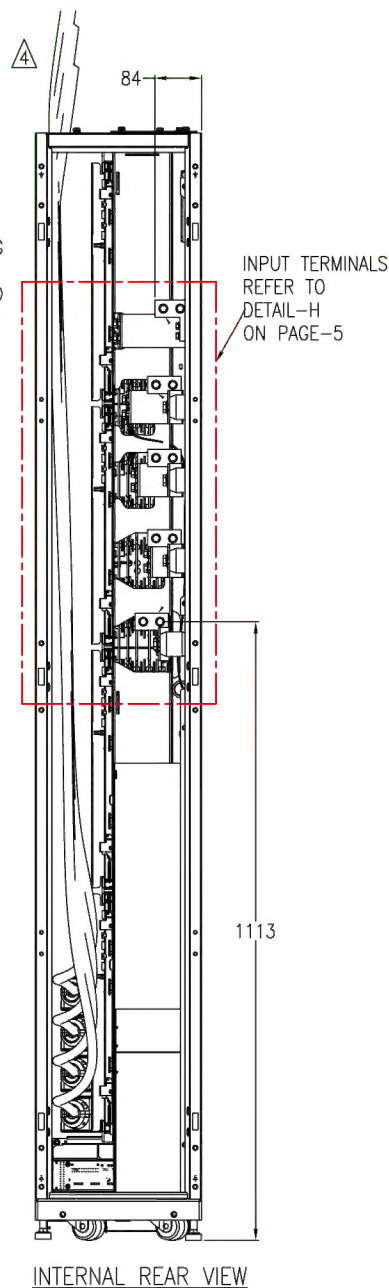
DWG NO: PDPM277H-MM2
DRAWN: BALAMURUGAN
ENGINEER: S.LEE
APPROVED: C.LARSEN/S.WAGH

REV. 1
13-AUG-08
29-AUG-08
29-AUG-08
FIRST ANGLE PROJECTION

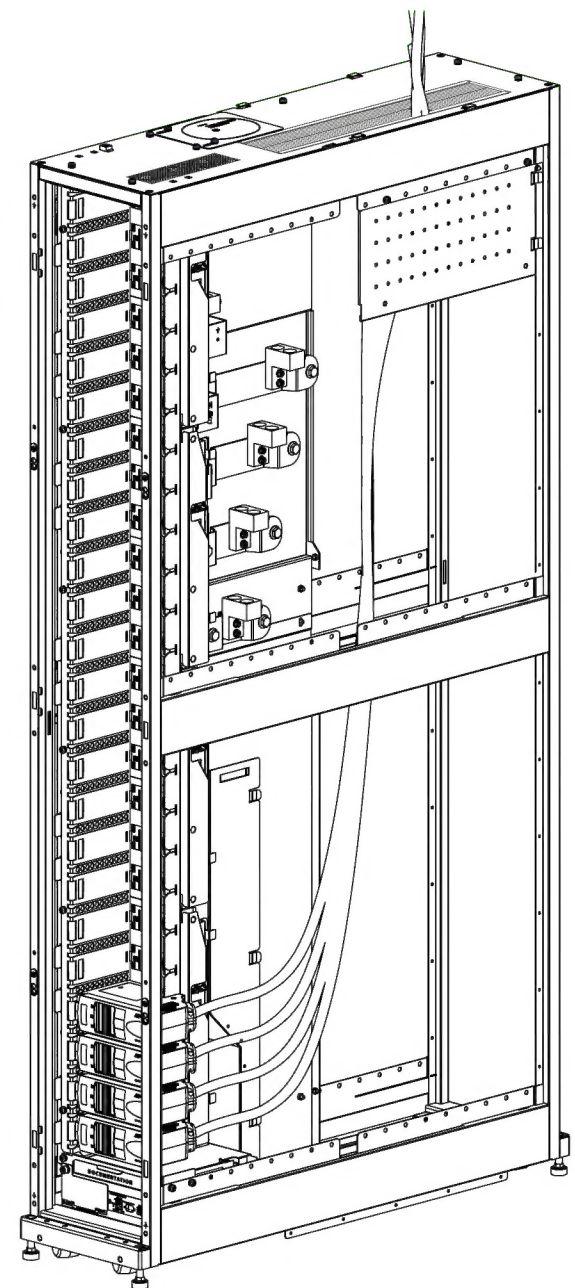


INTERNAL FRONT VIEW

VIEW-E



INTERNAL REAR VIEW



INTERNAL DIMETRIC VIEW
(ALL PANELS EXCEPT TOP, BOTTOM REMOVED)

NOTES:

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3. ALL DIMENSIONS ARE IN MILLIMETERS.
4. ALL POWER DISTRIBUTION MODULES AND EXTENDER CABLES ARE NOT PART OF THIS SKU AND ARE ORDERED SEPARATELY. PLEASE CONTACT APC.
5. CONNECTION DETAILS SHOWN ARE TYPICAL. REFER TO SLD FOR DETAILS.
6. SOME STRUCTURAL DETAILS HAVE BEEN OMITTED FOR CLARITY.

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Schneider Electric

TITLE:

ISX MODULAR DISTRIBUTION UNIT
Input: 400A, 3PH-400V
Output: 277kW, 400A, 400/230V 72 POLE
INTERNAL VIEW, CONNECTION DETAILS

PROJECT: SUBMITTAL DRAWINGS SHEET 4 OF 7

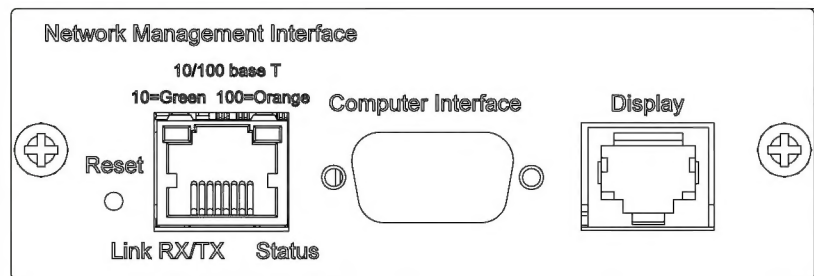
DWG NO:

PDPM277H-ME1

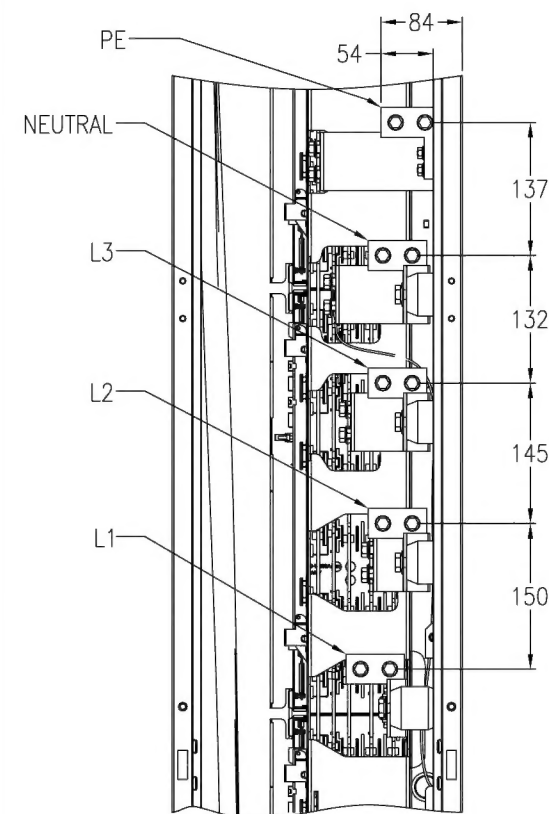
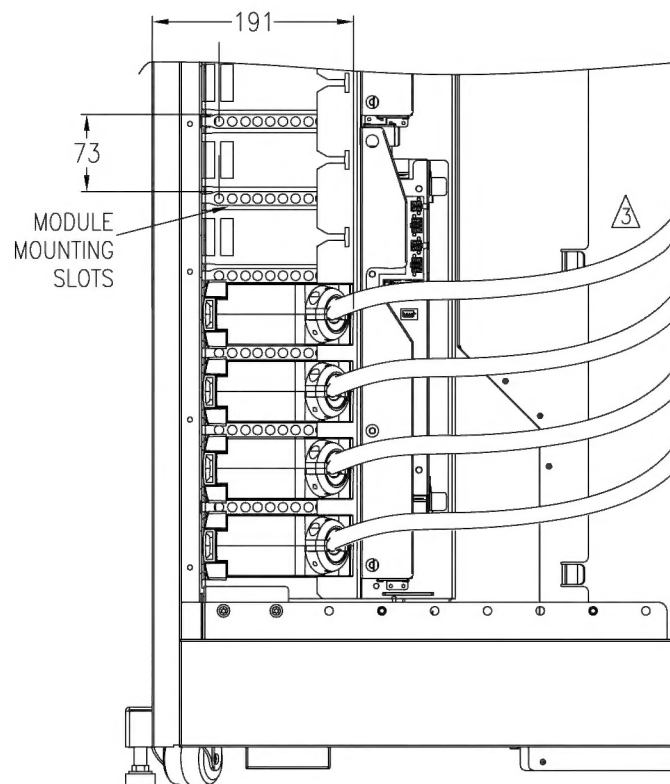
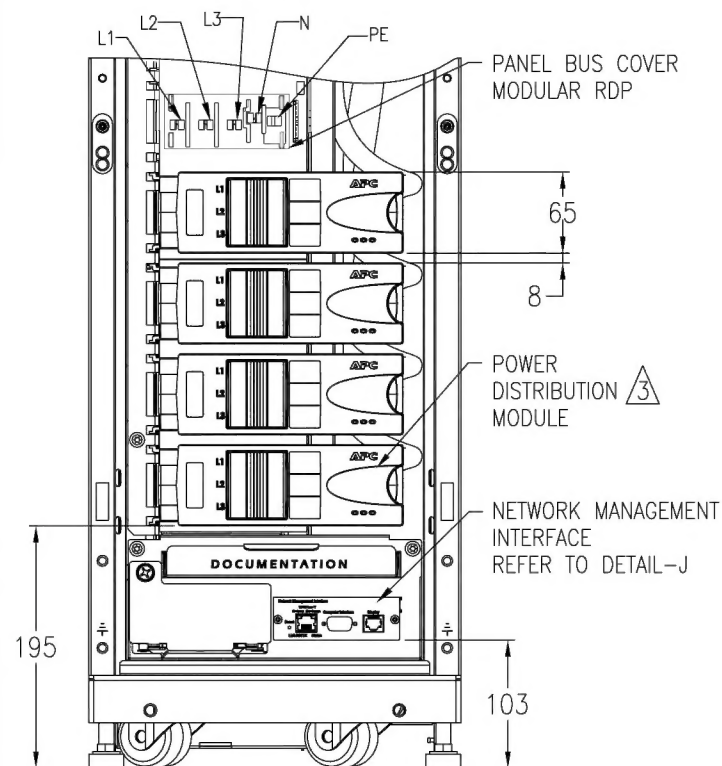
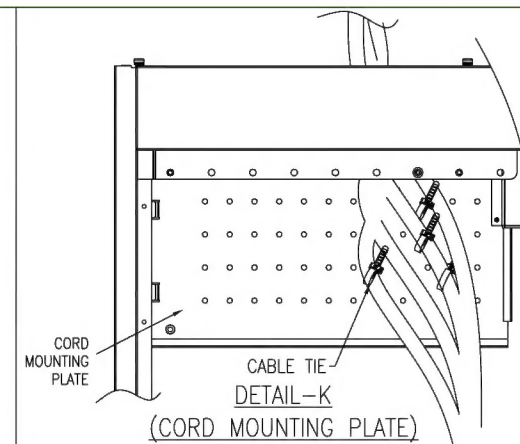
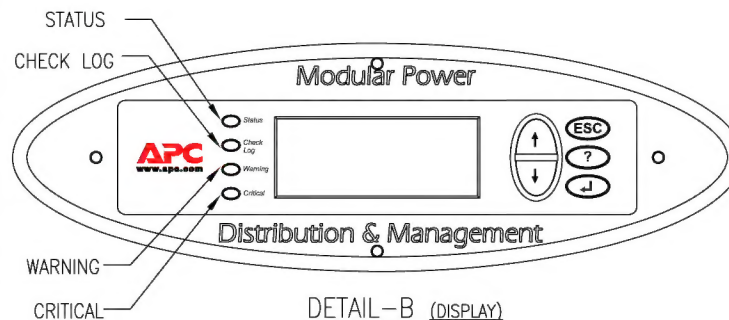
DRAWN:	BALAMURUGAN	13-AUG-08
ENGINEER:	S.LEE	29-AUG-08
APPROVED:	C.LARSEN/S.WACH	29-AUG-08

REV. 1

FIRST ANGLE PROJECTION



DETAIL-J (COMMUNICATION INTERFACE)



NOTES:

1. INSTALLATION MUST COMPLY WITH NATIONAL AND LOCAL ELECTRICAL REGULATIONS.
2. PLEASE REFER TO APC PRODUCT MANUALS FOR DETAILS.
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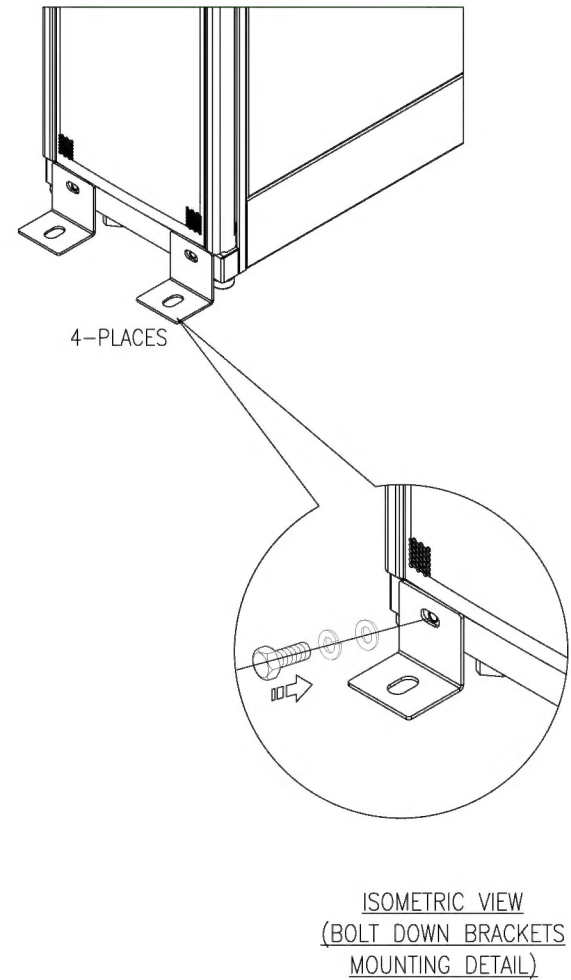
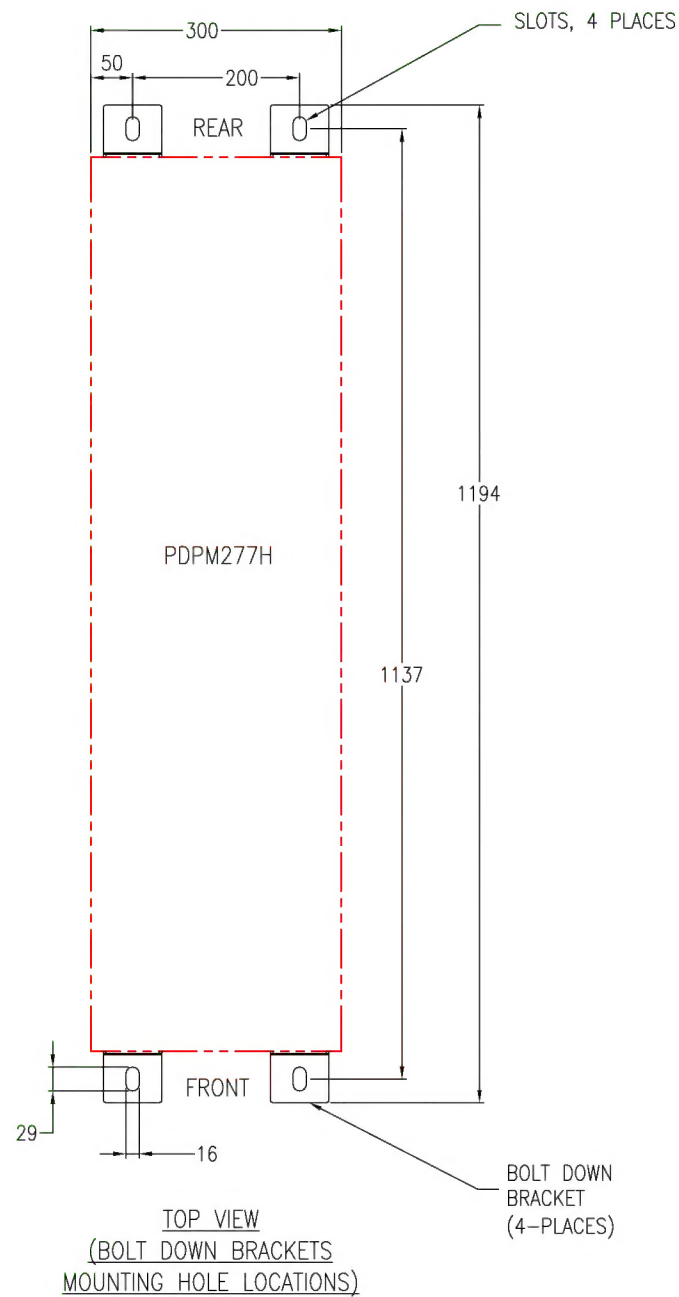
Schneider Electric

TITLE:
ISX MODULAR DISTRIBUTION UNIT
Input: 400A, 3PH-400V
Output: 277kW, 400A, 400/230V 72 POLE
USER INTERFACE & INTERNAL DETAILS

PROJECT: SUBMITTAL DRAWINGS SHEET 5 OF 7

DWG NO: PDPM277H-ME2
DRAWN: BALAMURUGAN 13-AUG-08
ENGINEER: SLEE 29-AUG-08
APPROVED: C.LARSEN/S.WACH 29-AUG-08

REV. 1
ANGLE OF PROJECTION
N.A.



NOTES:

1. INSTALLATION MUST COMPLY WITH NATIONAL AND LOCAL ELECTRICAL REGULATIONS.
2. TO STABILIZE THE ENCLOSURE (IF IT IS NOT JOINED WITH ANOTHER COMPONENT) USE THE INCLUDED AR7701 BOLT-DOWN KIT. ATTACH THE BRACKETS TO THE UNIT AS SHOWN. USE CODE COMPLIANT FASTENERS TO SECURE THE UNIT TO THE FLOOR.
3. PLEASE REFER TO APC PRODUCT MANUALS FOR DETAILS.

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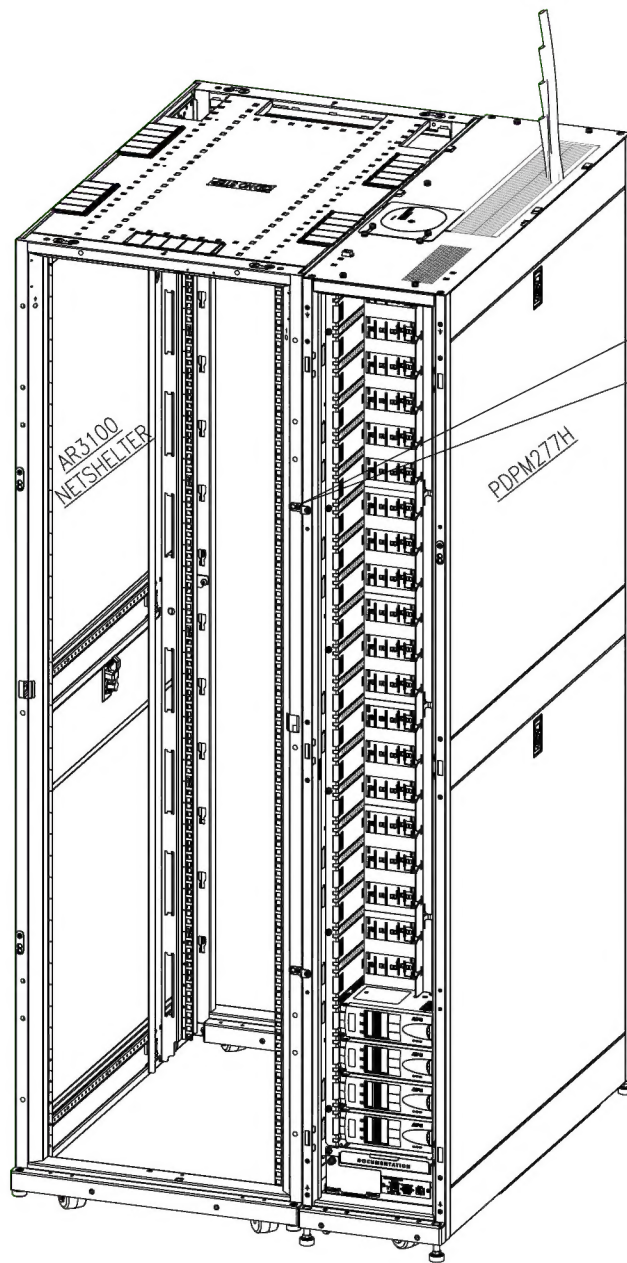
Schneider
Electric

TITLE:
ISX MODULAR DISTRIBUTION UNIT
Input: 400A, 3PH-400V
Output: 277kW, 400A, 400/230V 72 POLE
ANCHORING DETAILS

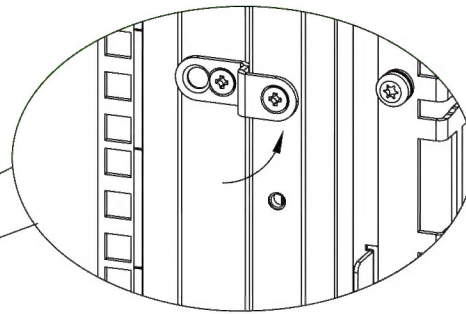
PROJECT: SUBMITTAL DRAWINGS SHEET 6 OF 7

DWG NO: PDPM277H-AN REV. 0

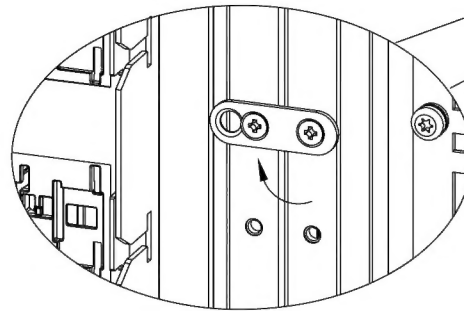
DRAWN: BALAMURUGAN	13-AUG-08	ANGLE OF PROJECTION: N.A.
ENGINEER: S.LEE	29-AUG-08	
APPROVED: C.LARSEN/S.WAGH	29-AUG-08	



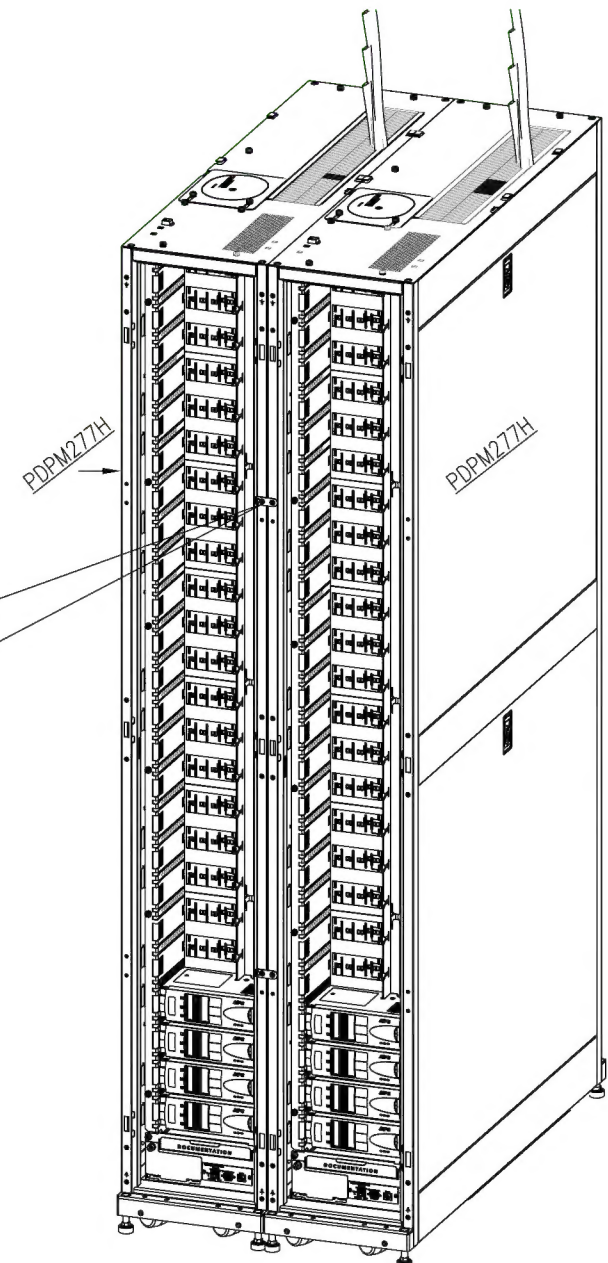
BAYING DIMETRIC VIEW
(WITH OFFSET BAYING BRACKET)



OFFSET BAYING BRACKET
(4 PLACES- 2 IN FRONT AND 2 IN REAR OF UNITS)



FLAT BAYING BRACKET
(4 PLACES- 2 IN FRONT AND 2 IN REAR OF UNITS)



BAYING DIMETRIC VIEW
(WITH FLAT BAYING BRACKET)

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Schneider Electric

TITLE:

ISX MODULAR DISTRIBUTION UNIT
Input: 400A, 3PH-400V
Output: 277kW, 400A, 400/230V 72 POLE
BAYING DETAILS

PROJECT: SUBMITTAL DRAWINGS SHEET 7 OF 7

DWG NO:

PDPM277H-BA

DRAWN:

BALAMURUGAN

ENGINEER:

S.LEE

APPROVED:

C.LARSEN/S.WAGH

REV.

0

ANGLE OF

PROJECTION

N.A